



**Cal/EPA**

California  
Environmental  
Protection  
Agency



Air Resources Board

P.O. Box 2815  
2020 L Street  
Sacramento, CA  
95812-2815

May 28, 1997



Pete Wilson  
Governor

James M. Strock  
Secretary for  
Environmental  
Protection

97-5

Glenn K. Walker  
President  
Vapor Systems Technologies, Inc.  
424 North Irwin Street  
Dayton, Ohio 45403

Dear Mr. Walker:

VST-IS-SBK and VST-H-SBK Stand Alone Breakaways

You requested California Air Resources Board (CARB) certification of the VST Model VST-IS-SBK and VST-H-SBK inverted coaxial breakaways. These breakaways are similar to the breakaways approved in Approval Letter 95-27-A, only without the "built-in" whip hose.

The VST-IS-SBK is equipped with two metric 3/4 type female fittings while the VST-H-SBK uses two 1-1/4 inch UNEF straight threads (compatible with Healy System configurations). The breakaway is intended for the transfer of gasoline at liquid pressures not exceeding 50 psig. The coupling incorporates a "swivel" that permits rotation without placing torsional stress on the hose assembly. The coupling consists of an aluminum breakaway release that snaps into an outer collar that is attached to the end of a hose. An integral check valve is installed in each unit. When the coupling is subject to a pull force not exceeding 300 pounds, the unit separates. The breakaway is to be marked with the direction of flow.

As required by the certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies is a precondition to certification by the Air Resources Board. The appropriate letters of approval have been received.

I find that the VST Stand Alone Breakaways when installed in accordance with the manufacturer's instructions, will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, the VST-IS-SBK and VST-H-SBK Breakaways are certified for use with Phase II vapor recovery systems. If you have any questions or wish to discuss this matter further, please call Joe Guerrero at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

**INTERNET VERSION**

James J. Morgester, Chief  
Compliance Division

cc: Mr. Jim Johnston, Chairman,  
CAPCOA Vapor Recovery Committee  
Monterey Bay Unified APCD  
24580 Silver Cloud Ct.  
Monterey, CA 93940

Lynn LaBarber  
CARB Compliance Training Section